



120x120x38.5mm/4.7x1.5inch, 105~43 CFM

TA1238 General specifications



- Motor: Shaded pole, inner rotor, single phase, impedance protected design
- Motor Protection:
- Frame: Aluminum die-cast, black color cosmetics
- Impeller: Plastic, rated UL94V-0
- Bearing: Two ball bearings. (Sleeve bearing on request only)
- Rotation: CCW view from label side
- Operating Temp: Ball bearing ambient -20C~+80C, for sleeve -10~+40C
- Storage Temp:
- Life Expectancy: MTBF life test for ball bearing 80,000 hours at 45C, 50,000 hours at 60C
- Dielectric Strength: Over 1 min. at 1,500 VAC, 0.5mA, 50/60 Hz
- Insulation Resistance: Over 100 Mega Ohm at DC 500V
- IP Protection:
- Connection: Wire lead or Terminal flat pin connecting for choice
- Weight: 550 g (1.2 Lbs)



Model No.	Rated Voltage	Voltage Range	Freq.	Input Power	Rated Current	Ref. Speed	Max. Airflow	Max. Static Pressure	Noise
	VAC	VAC	Hz	Watt	Amp	RPM	CFM	Inch/H2O	dB(A)
TA1238-H-110	115	100~120	50/60	17/15	0.29/0.23	2650/3000	90/105	0.29/0.31	42
TA1238-M-110	115	100~120	50/60	13/11	0.16/0.15	2400/2200	77/71	0.21/0.18	35
TA1238-L-110	115	100~120	50/60	10/8	0.12/0.11	2100/1700	66/53	0.17/0.13	27
TA1238-H-220	230	200~240	50/60	17/15	0.14/0.11	2650/3000	90/105	0.29/0.31	42
TA1238-M-220	230	200~240	50/60	13/11	0.08/0.07	2400/2200	77/71	0.21/0.18	35
TA1238-L-220	230	200~240	50/60	10/8	0.054/0.047	1900/1200	62/43	0.17/0.13	26
TA1238-H-240	240	240~260	50/60	17/15	0.11/0.10	2650/3000	90/105	0.29/0.31	42
TA1238-M-240	240	240~260	50/60	13/11	-	2350/2200	75/71	0.21/0.18	35
TA1238-L-240	240	240~260	50/60	10/8	-	1900/1200	62/43	0.17/0.13	26
TA1238-H-24	24	24~26	50/60	17/15	1.03/0.9	2600/2950	90/103	0.29/0.31	41
TA1238-H-380	380(420)	380~420	50/60	17/15	0.06/0.055	2600/2950	90/103	0.29/0.31	41
TA1238-H-440	440(480)	440~480	50/60	17/15	0.07/0.06	2600/2950	90/103	0.29/0.31	41
TA1238-H-110/220 dual voltage	115 230	100~120 200~240	50/60	17/15	28/.23 14/.12	2600/3000	90/105	0.29/0.31	42

Related Product Information

Please see our related items below for suggested products to use with this item:

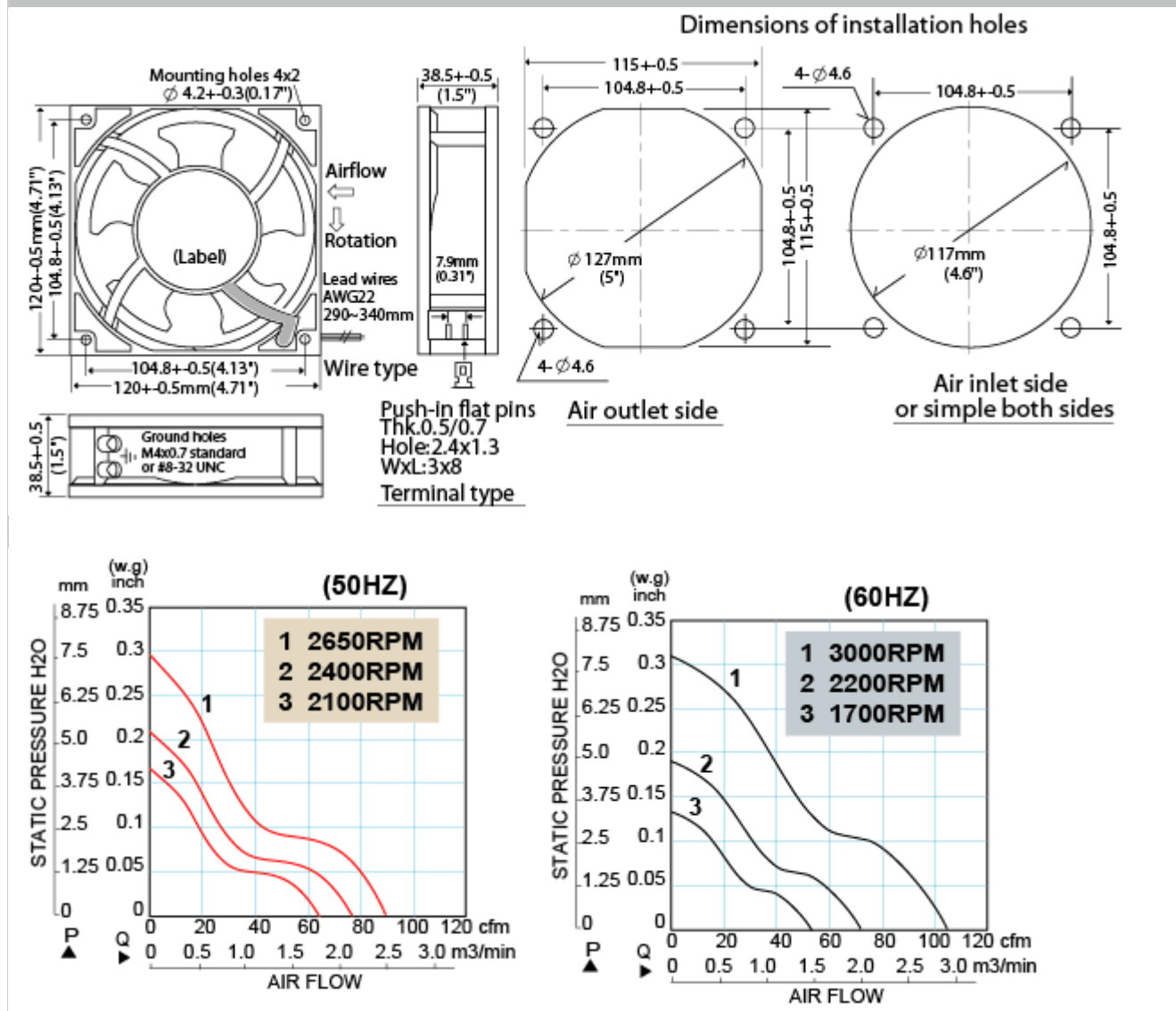
- Metal Fan Guard: TWG-120
- Plastic Fan Guard: TPG-120
- Plastic Fan Filter: TFK-120-30, TFK-120-45
- Metal Fan Screen: TMS-120

Related Technical Information

-Optional Function Leads:

- Tachometer, speed sensor pulses 5V, input 4.5~27 VDC, 1 signal each revolution, or 2 signals each revolution available on request. Function-T
- AC Alarm Fan, DC Power supply alarm output, open collector or TTL available. Function-L Alarm DC input
- Fan abnormal speed alarm, Programmable CPU AC Power alarm output, open collector or TTL available on request. Function-V Programmable CPU Alarm
- AC Fan Dual Voltage Wiring Diagram : AC Dual Voltage 115/230 VAC

Fan Performance Curves and Dimensions



* TEI reserves the right to change data and specs without notice* Tests are at nominal rated voltage against zero static pressure* Specifications subject to change without notice, data tolerance +- 10%